

EMERGE Newsletter

November- December 2016

In a few short weeks, Shelby County schools will wrap up the Fall semester of the 2016-17 school year. Time is certainly flying!

Makuta Technics

EMERGE's November-December industry presenter was Mr. Stu Kaplan, the President of Makuta Technics. With his memorable tag line "older than dirt", Stu is a student/teacher favorite.

During his visits to the classrooms, Stu talked more



in depth about Makuta's micro manufacturing with a focus on quality control. Stu discussed the universal

principles of quality control highlighting Makuta's process. For example, any part used in a medical device must not only adhere to production standards and tolerances but also be sterile.



During the presentations, the students had an opportunity to use a USB microscope to examine Makuta parts looking for any defects. To

emphasize the uniqueness of micro manufacturing, students were encouraged to analyze and compare the magnified Makuta parts to standard items such as a strand of hair.

In addition to visiting the five county high schools, Stu also presented to the ITM Robotics Academy at Blue River Career Programs. In total, 101 students participated in this month's

EMERGE presentations: 91 at the county high schools and 10 at BRCP.



Thank you to Mr. Stu Kaplan from Makuta for volunteering his time and expertise to our Shelby County students.

What's Up Next:

After the holiday break, the Spring semester will begin for all Shelby County students the week of January 2nd. Ryobi Die Casting (USA), INC. will be the first **EMERGE** presenter of the New Year. We will continue the discussion of quality control and move into the logistics of shipping and handling.

Thank you to all the teachers and counselors for inviting **EMERGE** into your classrooms.

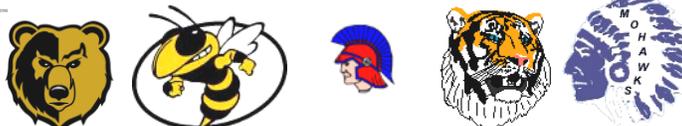
Merry Christmas and Happy New Year!!!!

For additional information, please contact:



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Thank you to all involved for your support and enthusiasm as we work together to inspire today's Shelby County students to be tomorrow's innovators.